

**Nucleic acid molecules encoding an  $\alpha$ -glucosidase, plants which synthesize a modified starch, the generation of the plants, their use, and the modified starch**

The present invention relates to nucleic acid molecules which encode a protein with the activity of a potato  $\alpha$ -glucosidase and to processes for the generation of transgenic plant cells and plants which synthesize a modified starch. Moreover, the present invention relates to vectors and host cells comprising the nucleic acid molecules according to the invention, to the plant cells and plants originating from the processes according to the invention, to the starch synthesized by the plant cells and plants according to the invention, and to processes for the production of this starch.

REPLACEMENT SHEET (RULE 26)

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